

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6 DEC 14 CA/CAPLUS to be enhanced with updated IPC codes
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPLUS with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUIDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA
NEWS 15 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 16 FEB 22 Status of current WO (PCT) information on STN
NEWS 17 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 18 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 19 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 20 FEB 28 MEDLINE/LMEDLINE reload improves functionality
NEWS 21 FEB 28 TOXCENTER reloaded with enhancements
NEWS 22 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral
property data
NEWS 23 MAR 01 INSPEC reloaded and enhanced
NEWS 24 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 25 MAR 08 X.25 communication option no longer available after June 2006

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 07:27:42 ON 09 MAR 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 07:27:49 ON 09 MAR 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0
DICTIONARY FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> E "NS1619"/CN 25

E1	1	NS1-BINDING PROTEIN-LIKE PROTEIN (HUMAN)/CN
E2	1	NS104/CN
E3	0 -->	NS1619/CN
E4	1	NS2 (NONSTRUCTURAL, 2) PROTEIN (INFLUENZA A VIRUS STRAIN A/CHARLOTTESVILLE/31/95(H1N1) GENE NS2)/CN
E5	1	NS2 (NONSTRUCTURAL, 2) PROTEIN (INFLUENZA A VIRUS STRAIN ENGLAND/1/53 VERO CELL-ADAPTED)/CN
E6	1	NS2 (NONSTRUCTURAL, 2) PROTEIN (INFLUENZA A VIRUS STRAIN ENGLAND/1/53)/CN

E7	1	NS2 AND NS3 ANTIGEN FRAGMENT (HEPATITIS NON-A NON-B VIRUS CLONE C14-3)/CN
E8	1	NS2 AND NS3 ANTIGEN FRAGMENT (HEPATITIS NON-A NON-B VIRUS CLONE C4-1)/CN
E9	1	NS2 ANTIGEN (HEPATITIS C VIRUS PATIENT #4)/CN
E10	1	NS2 ANTIGEN (HEPATITIS C VIRUS PATIENT #6)/CN
E11	1	NS2 PROTEIN (BLUETONGUE VIRUS 13 STRAIN FL99-22364-8 GENE S8)/CN
E12	1	NS2 PROTEIN (BLUETONGUE VIRUS 17 STRAIN FL99-12475 GENE S8)/CN
E13	1	NS2 PROTEIN (BLUETONGUE VIRUS 2 STRAIN 557-SA GENE S8)/CN
E14	1	NS2 PROTEIN (BLUETONGUE VIRUS 2 STRAIN FL99-13406-2 GENE S8)/CN
E15	1	NS2 PROTEIN (BLUETONGUE VIRUS 2 STRAIN ONAA GENE S8)/CN
E16	1	NS2 PROTEIN (BLUETONGUE VIRUS 2 STRAIN ONAB GENE S8)/CN
E17	1	NS2 PROTEIN (HUMAN CORONAVIRUS OC43 STRAIN 19572-BELGIUM-2004 COUNTRY BELGIUM GENE NS2)/CN
E18	1	NS2 PROTEIN (HUMAN CORONAVIRUS OC43 STRAIN 87309-BELGIUM-2003/87309 COUNTRY BELGIUM GENE NS2)/CN
E19	1	NS2 PROTEIN (HUMAN CORONAVIRUS OC43 STRAIN ATCC VR-759 ISOLATE OC43 GENE NS2)/CN
E20	1	NS2 PROTEIN (HUMAN HEPATITIS C VIRUS JAPANESE VARIANT HCV-N)/CN
E21	1	NS2 PROTEIN (MURINE HEPATITIS VIRUS STRAIN DVIM GENE 2A)/CN
E22	1	NS2-3 PROTEASE/CN
E23	1	NS2-NS3 PROTEASE/CN
E24	1	NS20S/CN
E25	1	NS21A/CN

=> E "NS 1619"/CN 25

E1	1	NS 160/CN
E2	1	NS 1608/CN
E3	1	--> NS 1619/CN
E4	1	NS 1652/CN
E5	1	NS 17/CN
E6	1	NS 17550/CN
E7	1	NS 1764/CN
E8	1	NS 1784/CN
E9	1	NS 18/CN
E10	1	NS 18-2/CN
E11	1	NS 1840/CN
E12	1	NS 187/CN
E13	1	NS 190/CN
E14	1	NS 199999/CN
E15	1	NS 1C/CN
E16	1	NS 1D/CN
E17	1	NS 1V/CN
E18	4	NS 2/CN
E19	1	NS 2 (HEAT STABILIZER)/CN
E20	1	NS 2 (PHARMACEUTICAL)/CN
E21	1	NS 2 (POLYESTER)/CN
E22	1	NS 2 (POLYESTER), POLYMER WITH CELLULOSE ACETATE BUTANOATE AND CORONATE T 80/CN
E23	1	NS 2 (STABILIZER)/CN
E24	4	NS 20/CN
E25	1	NS 20 (INSULATOR)/CN

=> S E3

L1 1 "NS 1619"/CN

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.64

5.85

FILE 'CAPLUS' ENTERED AT 07:28:50 ON 09 MAR 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 9 Mar 2006 VOL 144 ISS 11
FILE LAST UPDATED: 8 Mar 2006 (20060308/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 11

L2 67 L1

=> s cancer? or tumor? or neoplas?

285872 CANCER?

420167 TUMOR?

441008 NEOPLAS?

L3 695769 CANCER? OR TUMOR? OR NEOPLAS?

=> s 13 and 12

L4 11 L3 AND L2

=> s gli? or astroc?

74864 GLI?

22940 ASTROC?

L5 86867 GLI? OR ASTROC?

=> s 15 and 14

L6 7 L5 AND L4

=> s 16 not py>2001

4599330 PY>2001

L7 0 L6 NOT PY>2001

=> s 16 not py>2002

3615165 PY>2002

L8 0 L6 NOT PY>2002

=> d 16 ibib 1-7

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:394512 CAPLUS

DOCUMENT NUMBER: 142:417210

TITLE: Method for using potassium channel agonists for delivering a drug to an abnormal brain region and/or a malignant **tumor**

INVENTOR(S): Black, Keith L.; Ningaraj, Nagendra S.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 13 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005095196	A1	20050505	US 2003-696676	20031029
PRIORITY APPLN. INFO.:			US 2003-696676	20031029

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:1009754 CAPLUS
DOCUMENT NUMBER: 140:192174
TITLE: Adenosine 5'-triphosphate-sensitive Potassium Channel-mediated Blood-Brain **Tumor** Barrier Permeability Increase in a Rat Brain **Tumor** Model
AUTHOR(S): Ningaraj, Nagendra S.; Rao, Mamatha K.; Black, Keith L.
CORPORATE SOURCE: Maxine Dunitz Neurosurgical Institute and Burns and Allen Research Institute, Cedars-Sinai Medical Center, Los Angeles, CA, 90048, USA
SOURCE: Cancer Research (2003), 63(24), 8899-8911
CODEN: CNREA8; ISSN: 0008-5472
PUBLISHER: American Association for Cancer Research
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:683275 CAPLUS
DOCUMENT NUMBER: 140:70880
TITLE: Cilostazol prevents **tumor** necrosis factor- α -induced cell death by suppression of phosphatase and tensin homolog deleted from chromosome 10 phosphorylation and activation of Akt/cyclic AMP response element-binding protein phosphorylation
AUTHOR(S): Hong, Ki Whan; Kim, Ki Young; Shin, Hwa Kyoung; Lee, Jeong Hyun; Choi, Jae Moon; Kwak, Yong-Geun; Kim, Chi Dae; Lee, Won Suk; Rhim, Byung Yong
CORPORATE SOURCE: Department of Pharmacology, Pusan National University, Pusan, S. Korea
SOURCE: Journal of Pharmacology and Experimental Therapeutics (2003), 306(3), 1182-1190
CODEN: JPETAB; ISSN: 0022-3565
PUBLISHER: American Society for Pharmacology and Experimental Therapeutics
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:407817 CAPLUS
DOCUMENT NUMBER: 139:332566
TITLE: Large-conductance K⁺ channel openers NS1619 and NS004 as inhibitors of mitochondrial function in **glioma** cells
AUTHOR(S): Debska, Grazyna; Kicinska, Anna; Dobrucki, Jerzy; Dworakowska, Beata; Nurowska, Ewa; Skalska, Jolanta; Dolowy, Krzysztof; Szewczyk, Adam
CORPORATE SOURCE: Laboratory of Intracellular Ion Channels, Nencki Institute of Experimental Biology, Warsaw, 02-096,

SOURCE: Pol.
 Biochemical Pharmacology (2003), 65(11), 1827-1834
 CODEN: BCPCA6; ISSN: 0006-2952
 PUBLISHER: Elsevier Science B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:300434 CAPLUS
 DOCUMENT NUMBER: 138:297626
 TITLE: Method for inducing selective cell death of malignant
 cells by activation of calcium-activated potassium
 channels (KCa)
 INVENTOR(S): Black, Keith L.; Ningaraj, Nagendra S.
 PATENT ASSIGNEE(S): Cedars-Sinai Medical Center, USA
 SOURCE: U.S. Pat. Appl. Publ., 30 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003072748	A1	20030417	US 2001-976961	20011012
WO 2004078920	A2	20040916	WO 2003-US6176	20030227
WO 2004078920	A3	20050303		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-976961 A 20011012

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:564889 CAPLUS
 DOCUMENT NUMBER: 135:132471
 TITLE: Method using potassium channel agonists for delivering
 a medicant to an abnormal brain region and/or a
 malignant tumor
 INVENTOR(S): Black, Keith L.; Ningaraj, Nagendra S.
 PATENT ASSIGNEE(S): Cedars-Sinai Medical Center, USA
 SOURCE: PCT Int. Appl., 62 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001054771	A2	20010802	WO 2001-US2743	20010126
WO 2001054771	A3	20020620		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,

LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
 ZA, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 AU 2001034602 A5 20010807 AU 2001-34602 20010126
 EP 1251838 A2 20021030 EP 2001-906729 20010126
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2003523965 T2 20030812 JP 2001-554753 20010126
 US 2005153940 A1 20050714 US 2004-998866 20041129
 PRIORITY APPLN. INFO.: US 2000-491500 A 20000126
 US 2000-615854 A 20000714
 WO 2001-US2743 W 20010126

L6 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:564822 CAPLUS

DOCUMENT NUMBER: 135:132469

TITLE: Method for using potassium channel activation for
 delivering a medicant to an abnormal brain region
 and/or a malignant tumor

INVENTOR(S): Black, Keith L.; Ningaraj, Nagendra S.

PATENT ASSIGNEE(S): Cedars-Sinai Medical Center, USA

SOURCE: PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001054680	A2	20010802	WO 2001-US2742	20010126
WO 2001054680	A3	20020627		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 2001033052	A5	20010807	AU 2001-33052	20010126
EP 1251840	A2	20021030	EP 2001-905141	20010126
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2004508279	T2	20040318	JP 2001-555658	20010126
US 2005153940	A1	20050714	US 2004-998866	20041129
PRIORITY APPLN. INFO.:			US 2000-491500	A 20000126
			US 2000-615854	A 20000714
			WO 2001-US2742	W 20010126

=> d his

(FILE 'HOME' ENTERED AT 07:27:42 ON 09 MAR 2006)

FILE 'REGISTRY' ENTERED AT 07:27:49 ON 09 MAR 2006

E "NS1619"/CN 25

E "NS 1619"/CN 25

L1

1 S E3

FILE 'CAPLUS' ENTERED AT 07:28:50 ON 09 MAR 2006

L2 67 S L1
L3 695769 S CANCER? OR TUMOR? OR NEOPLAS?
L4 11 S L3 AND L2
L5 86867 S GLI? OR ASTROC?
L6 7 S L5 AND L4
L7 0 S L6 NOT PY>2001
L8 0 S L6 NOT PY>2002

=> s 14 not py>2001
4599330 PY>2001
L9 0 L4 NOT PY>2001

=> s 14 not 16
L10 4 L4 NOT L6

=> d ibib 1-4

L10 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:259829 CAPLUS
DOCUMENT NUMBER: 142:329823
TITLE: Potassium channel mediated delivery of agents through
the blood-brain barrier
INVENTOR(S): Black, Keith L.; Ningaraj, Nagendra S.
PATENT ASSIGNEE(S): Cedars-Sinai Medical Center, USA
SOURCE: PCT Int. Appl., 225 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005025511	A2	20050324	WO 2004-US29787	20040910
WO 2005025511	A3	20051103		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2005089473	A1	20050428	US 2004-938674	20040910
PRIORITY APPLN. INFO.:			US 2003-502159P	P 20030910
			US 2003-528440P	P 20031210
			US 2004-548636P	P 20040227

L10 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:136539 CAPLUS
DOCUMENT NUMBER: 142:225791
TITLE: Active substance combination comprising a
2,5-dihydroxybenzenesulfonic compound and a potassium
ion channel modulator
INVENTOR(S): Torrens Jover, Antoni; Alvarez Mathieu, Ines; Saenz de
Tejada Gorman, Inigo; Angula Frutos, Javier;
Buschmann, Helmut-Heinrich
PATENT ASSIGNEE(S): Laboratorios del Esteve S. A., Spain

SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005013962	A1	20050217	WO 2004-EP8509	20040729
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
ES 2222831	A1	20050201	ES 2003-1809	20030730
PRIORITY APPLN. INFO.:			ES 2003-1809	A 20030730
OTHER SOURCE(S):	MARPAT 142:225791			
REFERENCE COUNT:	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L10 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:824351 CAPLUS
DOCUMENT NUMBER: 140:191897
TITLE: Calcium-dependent potassium channels as a target protein for modulation of the blood-brain tumor barrier
AUTHOR(S): Ningaraj, Nagendra S.; Rao, Mamatha; Black, Keith L.
CORPORATE SOURCE: BBB and Drug Delivery Research Group, Cedars-Sinai Medical Center, Los Angeles, CA, USA
SOURCE: Drug News & Perspectives (2003), 16(5), 291-298
CODEN: DNPEED; ISSN: 0214-0934
PUBLISHER: Prous Science
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:539936 CAPLUS
DOCUMENT NUMBER: 137:106079
TITLE: Diagnostic tumor markers, drug screening for tumorigenesis inhibition, and compositions and methods for treatment of cancer
INVENTOR(S): Bamdad, Cynthia C.; Bamdad, R. Shoshana
PATENT ASSIGNEE(S): Minerva Biotechnologies Corporation, USA
SOURCE: PCT Int. Appl., 129 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002056022	A2	20020718	WO 2001-US44782	20011127
WO 2002056022	A3	20030821		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,
UG, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG
CA 2430060 AA 20020718 CA 2001-2430060 20011127
US 2003036199 A1 20030220 US 2001-996069 20011127
EP 1354196 A2 20031022 EP 2001-989135 20011127
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
JP 2004534730 T2 20041118 JP 2002-556226 20011127
PRIORITY APPLN. INFO.: US 2000-253361P P 20001127
US 2000-255370P P 20001213
US 2000-256027P P 20001215
US 2000-258157P P 20001222
US 2001-259615P P 20010103
US 2001-260186P P 20010105
US 2001-266169P P 20010202
US 2001-266929P P 20010206
US 2001-278093P P 20010323
US 2001-289444P P 20010507
US 2001-294887P P 20010531
US 2001-298272P P 20010614
WO 2001-US44782 W 20011127

=> file pctfull
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
30.44	36.29

FILE 'PCTFULL' ENTERED AT 07:31:59 ON 09 MAR 2006
COPYRIGHT (C) 2006 Univentio

FILE LAST UPDATED: 08 MAR 2006 <20060308/UPTX>
MOST RECENT UPDATE WEEK: 200609
FILE COVERS 1978 TO DATE

>>> IMAGES ARE AVAILABLE ONLINE AND FOR EMAIL-PRINTS <<<

>>> NEW IPC8 DATA AND FUNCTIONALITY NOT YET AVAILABLE IN THIS FILE.
USE IPC7 FORMAT FOR SEARCHING THE IPC. WATCH THIS SPACE FOR FURTHER
DEVELOPMENTS AND SEE OUR NEWS SECTION FOR FURTHER INFORMATION

>>> UPDATING OF BIBLIOGRAPHIC DATA DELAYED DUE TO DELIVERY
FORMAT CHANGES <<<

>>> FULL-TEXT UPDATES CONTINUE. PATENT NUMBER AVAILABLE FOR DISPLAY
ONLY, USE FIELD CODE FPI <<<

>>> SDI SEARCHES (ALERTS) WILL BE RESUMED WHEN BIBLIOGRAPHIC DATA
BECOME AVAILABLE <<<

=> s (NS 1619) or (NS1619)
42034 NS
153 NSES
42154 NS
(NS OR NSES)

```

2933 1619
24 NS 1619
      (NS(W)1619)
10 NS1619
L11    31 (NS 1619) OR (NS1619)

=> s cancer? or tumor? or neoplas?
      76251 CANCER?
      63838 TUMOR?
      22082 NEOPLAS?
L12    95086 CANCER? OR TUMOR? OR NEOPLAS?

```

```

=> s l12 and l11
L13    19 L12 AND L11

=> s l13 not py>20001
      0 PY>20001
L14    19 L13 NOT PY>20001

```

```

=> s l13 not py>2001
      451737 PY>2001
L15    3 L13 NOT PY>2001

```

```

=> d ibib 1-3

```

```

L15    ANSWER 1 OF 3      PCTFULL    COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER:        2001078709 PCTFULL ED 20020826
TITLE (ENGLISH):         TREATMENT OF NEURODEGENERATIVE DISEASE
TITLE (FRENCH):          TRAITEMENT DES MALADIES NEURODEGENERATIVES
INVENTOR(S):             BAMDAD, R., Shoshanna;
                        BAMDAD, Cynthia, C.
PATENT ASSIGNEE(S):      MINERVA BIOTECHNOLOGIES CORPORATION
DOCUMENT TYPE:            Patent
PATENT INFORMATION:

```

NUMBER	KIND	DATE

WO 2001078709	A2	20011025

```

DESIGNATED STATES
W:

```

```

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD
SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

```

```

APPLICATION INFO.:      WO 2001-US12484      A 20010412
PRIORITY INFO.:         US 2000-60/196,497      20000412
                        US 2000-60/214,221      20000623
                        US 2000-60/248,890      20001115

```

```

L15    ANSWER 2 OF 3      PCTFULL    COPYRIGHT 2006 Univentio on STN
ACCESSION NUMBER:        2001054771 PCTFULL ED 20020827
TITLE (ENGLISH):         METHOD FOR USING POTASSIUM CHANNEL AGONISTS FOR
                        DELIVERING A MEDICANT TO AN ABNORMAL BRAIN REGION
                        AND/OR A MALIGNANT TUMOR
TITLE (FRENCH):          PROCEDE UTILISANT DES AGONISTES DES CANAUX POTASSIQUES
                        POUR L'APPORT D'UN MEDICAMENT JUSQU'A UNE REGION
                        ANORMALE DU CERVEAU ET/OU JUSQU'A UNE TUMEUR MALIGNE
INVENTOR(S):             BLACK, Keith, L.;
                        NINGARAJ, Nagendra, S.
PATENT ASSIGNEE(S):      CEDARS-SINAI MEDICAL CENTER
DOCUMENT TYPE:            Patent

```

PATENT INFORMATION:

	NUMBER	KIND	DATE

	WO 2001054771	A2	20010802
DESIGNATED STATES			
W:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US2743	A	20010126
PRIORITY INFO.:	US 2000-09/491,500		20000126
	US 2000-09/615,854		20000714

L15 ANSWER 3 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN
 ACCESSION NUMBER: 2001054680 PCTFULL ED 20020827
 TITLE (ENGLISH): METHOD FOR USING POTASSIUM CHANNEL ACTIVATION FOR
 DELIVERING A MEDICANT TO AN ABNORMAL BRAIN REGION
 AND/OR A MALIGNANT **TUMOR**
 TITLE (FRENCH): PROCEDE UTILISANT L'ACTIVATION DES CANAUX POTASSIQUES
 POUR L'APPORT D'UN MEDICAMENT JUSQU'A UNE REGION
 ANORMALE DU CERVEAU ET/OU JUSQU'A UNE TUMEUR MALIGNNE
 INVENTOR(S): BLACK, Keith, L.;
 NINGARAJ, Nagendra, S.
 PATENT ASSIGNEE(S): CEDARS-SINAI MEDICAL CENTER
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE

	WO 2001054680	A2	20010802
DESIGNATED STATES			
W:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US2742	A	20010126
PRIORITY INFO.:	US 2000-09/491,500		20000126
	US 2000-09/615,854		20000714

=> d kwic 1

L15 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN

DETD . . . pindolol
 B-169 BRL 37344 sodium
 B-017 NWZ piperazine (2:1 ratio of 1-(4-hydroxy methoxyphenyl)-1,2-
 ethanediol
 and diethyldiazene)
 A-142 R(-)+atenolol
 C-118 cimetidine
 M-133 (+a-methyl norepinephrine
 0-100 oxotremorine methiodide
 P-155 (-)-physostigmine
 A-134 4-aminopyridine
 N-170 **NS-1619** (1,3-dihydro-1-[2-hydroxy

(trifluoromethyl)phenyl
(trifluoromethyl)-2H-benzimidazol one)
E-120 erbstatin analog
Structures of the above-listed compositions are shown in FIGs. 3
The names of structures A. . .

FIG. 6 shows structures of 4-aminopyridine, **NS-1619**
(1,3-dihydro [2-hydroxy
(trifluoromethyl)phenyl] (trifluoromethyl)-2H-benzimidazol one),
(-)-physostigmine,
erbstatin analog, spironolactone, valproic acid sodium, phenylephrine
hydrochloride, urapidil,
5-methyl, phentolamine mesylate, YS-035 hydrochloride
(3,3',4,4'-tetramethoxy-N-methyl-
diphenethylamine hydrochloride),. . .

Subjects for whom methods of treatment with **NS-1619**
in this aspect of the invention
are not intended are those who are diagnosed with conditions which
already call for treatment
with. . .

. . .
analog is an inhibitor of EGF receptor-associated
tyrosine kinase and other receptor kinases. It has been suggested for
use in treating **cancers**,
of epithelial cell growth.

. . .
the administration of 5-
fluorouracil to a subject in need of treatment of topical treatment of
actinic or solar keratoses
or pancreatic **cancer**.

CLAIMS. . . of a medicament for the treatment or prevention of a disease
associated with
fibril formation or aberrant protein aggregation.
117. Use of **NS-1619**, or a homolog, analog, or
derivative thereof, for the manufacture of a
medicament for the treatment or prevention of a disease. . .